Gene, 96 (1990) 314–317
Elsevier

AUTHOR INDEX VOLUME 96 (1990)

Alt-Mörbe, J., Heinemeyer, W. and Schröder, J., The *virD* genes from the *vir* region of the Ti plasmid: T-region border dependent processing steps in different *rec* mutants of *Escherichia coli* 96 (1990) 43
Amalric, F., see Lefrère, V. 96 (1990) 219

Baeuerle, A., see Mutzel, R. 96 (1990) 205
Baiborodin, S.I., see Bogachev, S.S. 96 (1990) 241
Bauchwitz, R. and Holloman, W.K., Isolation of the *REC2* gene controlling recombination in *Ustilago maydis* 96 (1990) 285
Berben, G., see Gilliquet, V. 96 (1990) 181
Bergsma, D.J., see Koser, P.L. 96 (1990) 189
Berka, R.M., Ward, M., Wilson, L.J., Hayenga, K.J., Kodoma, K.H., Carl and Thompson, S.A., Molecular cloning and deletion of the gene encoding aspelopepsin A from *Aspergillus awamori* 96 (1990) 313
Bernlohr, D.A., see Stone, R.L. 96 (1990) 171
Bina, M., see Lowman, H.B. 96 (1990) 133
Biswas, B.B., see Lohia, A. 96 (1990) 197
Blinov, A.G., see Bogachev, S.S. 96 (1990) 241
Bogachev, S.S., Blinov, A.G., Kolesnikov, N.N., Scherbik, S.V., Taranin, A.V., Sebeleva, T.E., Baiborodin, S.I. and Kiknadze, I.I., A tissue-specific puff (Balbiani ring a) in *Chironomus thummi* may contain a gene encoding a 67-kDa protein which exhibits non-tissue-specific expression 96 (1990) 241
Borchert, T.V., see Tang, L.B. 96 (1990) 89
Bremer, E., Middendorf, A., Martinussen, J. and Valentin-Hansen, P., Analysis of the *tsx* gene, which encodes a nucleoside-specific channel-forming protein (Tsx) in the outer membrane of *Escherichia coli* 96 (1990) 59
Broome-Smith, J.K., see Zhang, Y. 96 (1990) 51
Bücheler, U.S., Werner, D. and Schirmer, R.H., Random silent mutagenesis in the initial triplets of the coding region: a technique for adapting human glutathione reductase-encoding cDNA to expression in *Escherichia coli* 96 (1990) 271

Calendar, R., see Ziermann, R. 96 (1990) 9
Carter III, H.L., Tatti, K.M. and Moran Jr., C.P., Cloning of a promoter used by sigma H RNA polymerase in *Bacillus subtilis* 96 (1990) 101
Cha, M.E., see Edlind, T.D. 96 (1990) 289
Cherry, J.M., see Schultes, N.P. 96 (1990) 177
Chesnut, R.S., see Kapp, N.V. 96 (1990) 95
Chiu, A.T., see Sisk, W.P. 96 (1990) 305
Craig, N.L., see Orle, K.A. 96 (1990) 1
Cronan Jr., J.E., see Oden, K.L. 96 (1990) 29

Dammann, H., see Mutzel, R. 96 (1990) 205
Davis, G.L., see Sisk, W.P. 96 (1990) 305
DeVeaux, L.C., see Oden, K.L. 96 (1990) 29
Devine, K.M., see Wood, H.E. 96 (1990) 83
Di Carlo, M., see La Rosa, M. 96 (1990) 295
Diderichsen, B., see Jørgensen, P.L. 96 (1990) 37
Dorsch-Häsler, K., Lutz, B., Spindler, K.-D. and Lezzi, M., Structural and developmental analysis of a gene cloned from the early ecdysterone-inducible puff site, I-18C, in *Chironomus tentans* 96 (1990) 233

Edlind, T.D., Sharetzsky, C. and Cha, M.E., Ribosomal RNA of the primitive eukaryote *Giardia lamblia*: large subunit domain I and potential processing signals 96 (1990) 289
Edwards, C.W., see Kapp, N.V. 96 (1990) 95
Ellington, A.D., see Schultes, N.P. 96 (1990) 177
Eyal, N., Wilder, S. and Horowitz, M., Prevalent and rare mutations among Gaucher patients 96 (1990) 277

French, B.T. and Trewyn, R.W., Modification of the anticodon wobble position of $tRNA^{Ala}$ in vitro does not require 5′ or 3′ processing 96 (1990) 301

Gene, 96 (1990) 314–317
Elsevier

AUTHOR INDEX VOLUME 96 (1990)

Alt-Mörbe, J., Heinemeyer, W. and Schröder, J., The *virD* genes from the *vir* region of the Ti plasmid: T-region border dependent processing steps in different *rec* mutants of *Escherichia coli* 96 (1990) 43
Amalric, F., see Lefrère, V. 96 (1990) 219

Baeuerle, A., see Mutzel, R. 96 (1990) 205
Baiborodin, S.I., see Bogachev, S.S. 96 (1990) 241
Bauchwitz, R. and Holloman, W.K., Isolation of the *REC2* gene controlling recombination in *Ustilago maydis* 96 (1990) 285
Berben, G., see Gilliquet, V. 96 (1990) 181
Bergsma, D.J., see Koser, P.L. 96 (1990) 189
Berka, R.M., Ward, M., Wilson, L.J., Hayenga, K.J., Kodoma, K.H., Carl and Thompson, S.A., Molecular cloning and deletion of the gene encoding aspelopepsin A from *Aspergillus awamori* 96 (1990) 313
Bernlohr, D.A., see Stone, R.L. 96 (1990) 171
Bina, M., see Lowman, H.B. 96 (1990) 133
Biswas, B.B., see Lohia, A. 96 (1990) 197
Blinov, A.G., see Bogachev, S.S. 96 (1990) 241
Bogachev, S.S., Blinov, A.G., Kolesnikov, N.N., Scherbik, S.V., Taranin, A.V., Sebeleva, T.E., Baiborodin, S.I. and Kiknadze, I.I., A tissue-specific puff (Balbiani ring a) in *Chironomus thummi* may contain a gene encoding a 67-kDa protein which exhibits non-tissue-specific expression 96 (1990) 241
Borchert, T.V., see Tang, L.B. 96 (1990) 89
Bremer, E., Middendorf, A., Martinussen, J. and Valentin-Hansen, P., Analysis of the *tsx* gene, which encodes a nucleoside-specific channel-forming protein (Tsx) in the outer membrane of *Escherichia coli* 96 (1990) 59
Broome-Smith, J.K., see Zhang, Y. 96 (1990) 51
Bücheler, U.S., Werner, D. and Schirmer, R.H., Random silent mutagenesis in the initial triplets of the coding region: a technique for adapting human glutathione reductase-encoding cDNA to expression in *Escherichia coli* 96 (1990) 271

Calendar, R., see Ziermann, R. 96 (1990) 9
Carter III, H.L., Tatti, K.M. and Moran Jr., C.P., Cloning of a promoter used by sigma H RNA polymerase in *Bacillus subtilis* 96 (1990) 101
Cha, M.E., see Edlind, T.D. 96 (1990) 289
Cherry, J.M., see Schultes, N.P. 96 (1990) 177
Chesnut, R.S., see Kapp, N.V. 96 (1990) 95
Chiu, A.T., see Sisk, W.P. 96 (1990) 305
Craig, N.L., see Orle, K.A. 96 (1990) 1
Cronan Jr., J.E., see Oden, K.L. 96 (1990) 29

Dammann, H., see Mutzel, R. 96 (1990) 205
Davis, G.L., see Sisk, W.P. 96 (1990) 305
DeVeaux, L.C., see Oden, K.L. 96 (1990) 29
Devine, K.M., see Wood, H.E. 96 (1990) 83
Di Carlo, M., see La Rosa, M. 96 (1990) 295
Diderichsen, B., see Jørgensen, P.L. 96 (1990) 37
Dorsch-Häsler, K., Lutz, B., Spindler, K.-D. and Lezzi, M., Structural and developmental analysis of a gene cloned from the early ecdysterone-inducible puff site, I-18C, in *Chironomus tentans* 96 (1990) 233

Edlind, T.D., Sharetzsky, C. and Cha, M.E., Ribosomal RNA of the primitive eukaryote *Giardia lamblia*: large subunit domain I and potential processing signals 96 (1990) 289
Edwards, C.W., see Kapp, N.V. 96 (1990) 95
Ellington, A.D., see Schultes, N.P. 96 (1990) 177
Eyal, N., Wilder, S. and Horowitz, M., Prevalent and rare mutations among Gaucher patients 96 (1990) 277

French, B.T. and Trewyn, R.W., Modification of the anticodon wobble position of $tRNA^{Ala}$ in vitro does not require 5′ or 3′ processing 96 (1990) 301

Galewsky, S., Xie, X. and Schulz, R.A., The *Drosophila melanogaster z600* gene encodes a chromatin-associated protein synthesized in the syncytial blastoderm 96 (1990) 227
Gennis, R.B., see Oden, K.L. 96 (1990) 29
Gilliquet, V., Legrain, M., Berben, G. and Hilger, F., Negative regulatory elements of the *Saccharomyces cerevisiae PHO* system: interaction between PHO80 and PHO85 proteins 96 (1990) 181
Giudice, G., see La Rosa, M. 96 (1990) 295
Goshima, N., Kohno, K., Imamoto, F. and Kano, Y., HU-1 mutants of *Escherichia coli* deficient in DNA binding 96 (1990) 141
Grant, C.E. and Tsang, A., Cloning and characterization of cDNAs encoding a novel cyclic AMP-binding protein in *Dictyostelium discoideum* 96 (1990) 213
Grunert, H.-P., see Landt, O. 96 (1990) 125

Hager, K.M. and Yanofsky, C., Genes expressed during conidiation in *Neurospora crassa*: molecular characterization of *con-13* 96 (1990) 153
Hahn, U., see Landt, O. 96 (1990) 125
Haider, N., see Lohia, A. 96 (1990) 197
Hansen, C.K., see Jørgensen, P.L. 96 (1990) 37
Hayenga, K.J., see Berka, R.M. 96 (1990) 313
Heinemeyer, W., see Alt-Mörbe, J. 96 (1990) 43
Hilger, F., see Gilliquet, V. 96 (1990) 181
Hodgson, A.L.M., see Messerotti, L.J. 96 (1990) 147
Holloman, W.K., see Bauchwitz, R. 96 (1990) 285
Horowitz, M., see Eyal, N. 96 (1990) 277
Hulett, F.M., see Kapp, N.V. 96 (1990) 95

Imamoto, F., see Goshima, N. 96 (1990) 141
Inoue, H., Nojima, H. and Okayama, H., High efficiency transformation of *Escherichia coli* with plasmids 96 (1990) 23
Inoue, C., Sugawara, K. and Kusano, T., *Thiobacillus ferrooxidans mer* operon: sequence analysis of the promoter and adjacent genes 96 (1990) 115
Inouye, S., see Tanahashi, H. 96 (1990) 249
Ippen-Ihler, K., see Schandel, K.A. 96 (1990) 137
Ito, T., see Tanahashi, H. 96 (1990) 249

Johnston, M., see Nogae, I. 96 (1990) 161
Jørgensen, P.L., Hansen, C.K., Poulsen, G.B. and Diderichsen, B., In vivo genetic engineering: homologous recombination as a tool for plasmid construction 96 (1990) 37
Jung, S., see Mutzel, R. 96 (1990) 205

Kano, Y., see Goshima, N. 96 (1990) 141
Kapp, N.V., Edwards, C.W., Chesnut, R.S. and Hulett, F.M., The *Bacillus subtilis phoAIV* gene: effects of in vitro inactivation on total alkaline phosphatase production 96 (1990) 95
Kiknadze, I.I., see Bogachev, S.S. 96 (1990) 241
Kingsley, D., see Sisk, W.P. 96 (1990) 305
Kiss, G.B., see Vincze, E. 96 (1990) 17
Kodoma, K.H., Carl, see Berka, R.M. 96 (1990) 313
Kohno, K., see Goshima, N. 96 (1990) 141
Kolesnikov, N.N., see Bogachev, S.S. 96 (1990) 241
Koser, P.L., Livi, G.P., Levy, M.A., Rosenberg, M. and Bergsma, D.J., A *Candida albicans* homolog of a human cyclophilin gene encodes a peptidyl-prolyl *cis-trans* isomerase 96 (1990) 189
Kusano, T., see Inoue, C. 96 (1990) 115

Landt, O., Grunert, H.-P. and Hahn, U., A general method for rapid site-directed mutagenesis using the polymerase chain reaction 96 (1990) 125
La Rosa, M., Sconzo, G., Giudice, G., Roccheri, M.C. and Di Carlo, M., Sequence of the sea urchin *hsp70* gene and its 5′ flanking region 96 (1990) 295
Lefrère, V., Vincent, A. and Amalric, F., *Drosophila melanogaster* poly(A)-binding protein: cDNA cloning reveals an usually long 3′-untranslated region of the mRNA, also present in other eukaryotic species 96 (1990) 219
Legrain, M., see Gilliquet, V. 96 (1990) 181
Lenstra, R., see Tang, L.B. 96 (1990) 89
Levy, M.A., see Koser, P.L. 96 (1990) 189
Lezzi, M., see Dorsch-Häsler, K. 96 (1990) 233
Livi, G.P., see Koser, P.L. 96 (1990) 189
Lohia, A., Haider, N. and Biswas, B.B., Characterisation of a repetitive DNA family from *Entamoeba histolytica* containing *Saccharomyces cerevisiae ARS* consensus sequences 96 (1990) 197
Lowman, H.B. and Bina, M., Temperature-mediated regulation and downstream inducible selection for controlling gene expression from the bacteriophage λp_L promoter 96 (1990) 133
Lutz, B., see Dorsch-Häsler, K. 96 (1990) 233

Magee, B.B., see Stone, R.L. 96 (1990) 171
Magee, P.T., see Stone, R.L. 96 (1990) 171
Maneewannakul, S., see Schandel, K.A. 96 (1990) 137
Martinussen, J., see Bremer, E. 96 (1990) 59
Matarese, V., see Stone, R.L. 96 (1990) 171
McConnell, D.J., see Wood, H.E. 96 (1990) 83
Menon, A.L., Stults, L.W., Robson, R.L. and Mortenson, L.E., Cloning, sequencing and characterization of the [NiFe]hydrogenase-encoding structural genes (*hoxK* and *hoxG*) from *Azotobacter vinelandii* 96 (1990) 67
Messerotti, L.J., Radford, A.J. and Hodgson, A.L.M., Nucleotide sequence of the replication region from the *Mycobacterium-Escherichia coli* shuttle vector pEP2 96 (1990) 147
Middendorf, A., see Bremer, E. 96 (1990) 59
Moran Jr., C.P., see Carter III, H.L. 96 (1990) 101
Morita, M. and Sugino, Y., Insertion of IS*4* into the *tnpA* of Tn*3*: sequencing of the insertion site 96 (1990) 129
Mortenson, L.E., see Menon, A.L. 96 (1990) 67
Mutzel, R., Baeuerle, A., Jung, S. and Dammann, H., Prophage lambda libraries for isolating cDNA clones by functional screening 96 (1990) 205

Nagarajan, V., see Tang, L.B. 96 (1990) 89
Nagata, S., see Thompson, E.M. 96 (1990) 257
Nakayama, K., The superoxide dismutase-encoding gene of the obligately anaerobic bacterium *Bacteroides gingivalis* 96 (1990) 149
Nogae, I. and Johnston, M., Isolation and characterization of the *ZWF1* gene of *Saccharomyces cerevisiae*, encoding glucose-6-phosphate dehydrogenase 96 (1990) 161
Nojima, H., see Inoue, H. 96 (1990) 23

Oden, K.L., DeVeaux, L.C., Vibat, C.R.T., Cronan Jr., J.E. and Gennis, R.B., Genomic replacement in *Escherichia coli* K-12 using covalently closed circular plasmid DNA 96 (1990) 29
Okayama, H., see Inoue, H. 96 (1990) 23
Orle, K.A. and Craig, N.L., Identification of transposition proteins encoded by the bacterial transposon Tn*7* 96 (1990) 1

Piatigorsky, J., see Wistow, G. 96 (1990) 263
Poulsen, G.B., see Jørgensen, P.L. 96 (1990) 37

Radford, A.J., see Messerotti, L.J. 96 (1990) 147
Reilly, T.M., see Sisk, W.P. 96 (1990) 305
Rizzino, A., see Tiesman, J. 96 (1990) 311
Robson, R.L., see Menon, A.L. 96 (1990) 67
Roccheri, M.C., see La Rosa, M. 96 (1990) 295
Rojo, F. and Salas, M., Short N-termal deletions in the phage ϕ29 transcriptional activator protein impair its DNA-binding ability 96 (1990) 75
Rosenberg, M., see Koser, P.L. 96 (1990) 189

Sakaki, Y., see Tanahashi, H. 96 (1990) 249
Salas, M., see Rojo, F. 96 (1990) 75
Sauerborn, M., see von Eichel-Streiber, C. 96 (1990) 107
Schandel, K.A., Maneewannakul, S., Vonder Haar, R.A., Ippen-Ihler, K. and Webster, R.E., Nucleotide sequence of the F plasmid gene, *traC*, and identification of its product 96 (1990) 137
Scherbik, S.V., see Bogachev, S.S. 96 (1990) 241
Schirmer, R.H., see Bücheler, U.S. 96 (1990) 271
Schröder, J., see Alt-Mörbe, J. 96 (1990) 43
Schultes, N.P., Ellington, A.D., Cherry, J.M. and Szostak, J.W., *Saccharomyces cerevisiae* homoserine kinase is homologous to prokaryotic homoserine kinases 96 (1990) 177
Schulz, R.A., see Galewsky, S. 96 (1990) 227
Sconzo, G., see La Rosa, M. 96 (1990) 295
Sebeleva, T.E., see Bogachev, S.S. 96 (1990) 241
Sharetzsky, C., see Edlind, T.D. 96 (1990) 289
Siemieniak, D.R. and Slightom, J.L., A library of 3342 useful nonamer primers for genome sequencing 96 (1990) 121
Sisk, W.P., Davis, G.L., Kingsley, D., Chiu, A.T. and Reilly, T.M., High-level synthesis of biologically active human plasminogen activator inhibitor type 1 (PAI-1) in *Escherichia coli* 96 (1990) 305
Slightom, J.L., see Siemieniak, D.R. 96 (1990) 121
Splindler, K.-D., see Dorsch-Häsler, K. 96 (1990) 233
Stone, R.L., Matarese, V., Magee, B.B., Magee, P.T. and Bernlohr, D.A., Cloning, sequencing and chromosomal assignment of a gene from *Saccharomyces cerevisiae* which is negatively regulated by glucose and positively by lipids 96 (1990) 171
Stults, L.W., see Menon, A.L. 96 (1990) 67
Sugawara, K., see Inoue, C. 96 (1990) 115
Sugino, Y., see Morita, M. 96 (1990) 129
Szostak, J.W., see Schultes, N.P. 96 (1990) 177

Tanahashi, H., Ito, T., Inouye, S., Tsuji, F.I. and Sakaki, Y., Photoprotein aequorin: use as a reporter enzyme in studying gene expression in mammalian cells 96 (1990) 249
Tang, L.B., Lenstra, R., Borchert, T.V. and Nagarajan, V., Isolation and characterization of levansucrase-encoding gene from *Bacillus amyloliquefaciens* 96 (1990) 89
Taranin, A.V., see Bogachev, S.S. 96 (1990) 241
Tatti, K.M., see Carter iII, H.L. 96 (1990) 101
Thompson, E.M., Nagata, S. and Tsuji, F.I., *Vargula hilgendorfii* luciferase: a secreted reporter enzyme for monitoring gene expression in mammalian cells 96 (1990) 257
Thompson, S.A., see Berka, R.M. 96 (1990) 313
Tiesman, J. and Rizzino, A., Nucleotide sequence of the 5'-flanking region of the mouse *k-FGF* oncogene exhibits an alternating purine : pyrimidine motif with the potential to form Z-DNA 96 (1990) 311
Trewyn, R.W., see French, B.T. 96 (1990) 301
Tsang, A., see Grant, C.E. 96 (1990) 213
Tsuji, F.I., see Tanahashi, H. 96 (1990) 249
Tsuji, F.I., see Thompson, E.M. 96 (1990) 257

Valentin-Hansen, P., see Bremer, E. 96 (1990) 59
Vibat, C.R.T., see Oden, K.L. 96 (1990) 29
Vincent, A., see Lefrère, V. 96 (1990) 219
Vincze, E. and Kiss, G.B., A phosphate group at the *cos* ends of phage lambda DNA is not a prerequisite for in vitro packaging: an alternative method for constructing genomic libraries using a new phasmid vector, λpGY97 96 (1990) 17
Vonder Haar, R.A., see Schandel, K.A. 96 (1990) 137
von Eichel-Streiber, C. and Sauerborn, M., *Clostridium difficile* toxin A carries a C-terminal repetitive structure homologous to the carbohydrate binding region of streptococcal glycosyltransferases 96 (1990) 107

Ward, M., see Berka, R.M. 96 (1990) 313
Webster, R.E., see Schandel, K.A. 96 (1990) 137
Werner, D., see Bücheler, U.S. 96 (1990) 271
Wilder, S., see Eyal, N. 96 (1990) 277
Wilson, L.J., see Berka, R.M. 96 (1990) 313
Wistow, G. and Piatigorsky, J., Gene conversion and splice-site slippage in the argininosuccinate lyases/δ-crystallins of the duck lens: members of an enzyme superfamily 96 (1990) 263
Wood, H.E., Devine, K.M. and McConnell, D.J., Characterisation of a repressor gene and a temperature-sensitive allelle from the *Bacillus subtilis* prophage, PBSX 96 (1990) 83

Xie, X., see Galewsky, S. 96 (1990) 227

Yanofsky, C., see Hager, K.M. 96 (1990) 153

Zhang, Y. and Broome-Smith, J.K., Correct insertion of a simple eukaryotic plasma-membrane protein into the cytoplasmic membrane of *Escherichia coli* 96 (1990) 51
Ziermann, R. and Calendar, R., Characterization of the *cos* sites of bacteriophages P2 and P4 96 (1990) 9